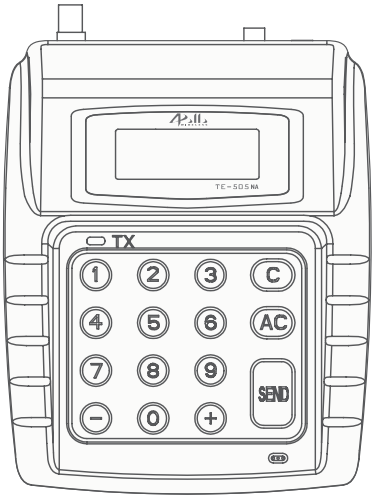
English

Desktop POCSAG Transmitter
TE505NA User Manual



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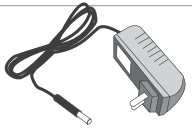
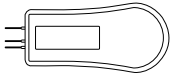
Introduction

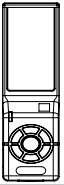
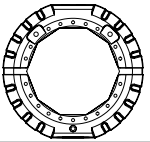
TE-505NA is a breakthrough transmitter for paging tone only pager. It's more than just a transmitter but also a programmer without any aid from PC and software. For end users like restaurant employees and hotel service personnel, they can easily program the numbers of those pagers. Never need to operate complicated programming software and memorize tons of addresses of pagers. **TE-505NA** is a reliable and useful in various fields you can imagine.

Getting Started

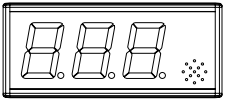
Accessory Preparedness

	BNC Antenna
	AC Adapter (9V/2.2A with European/ American plug)
	Programming kit for **TE-505NA**

Compatible Pager

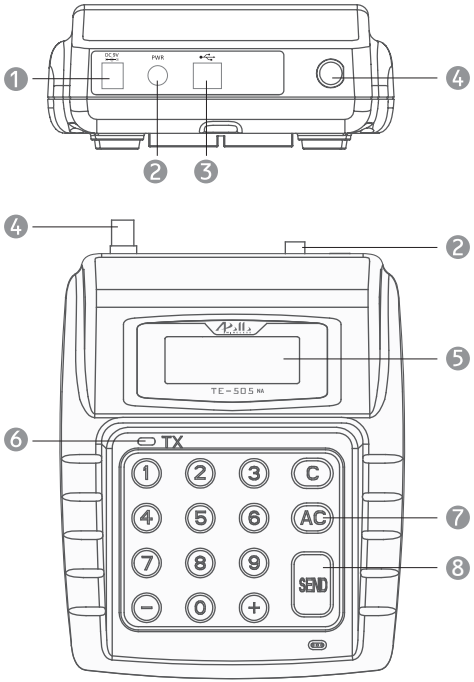
		
A02+	A05+	A06+

Compatible LED display



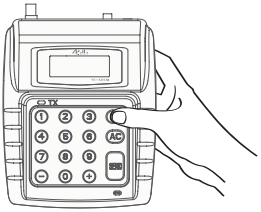
LDN3

Overview



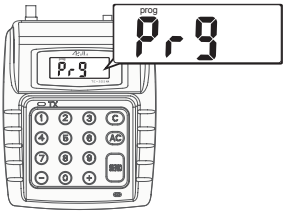
1. DC input
2. Power switch
3. USB port with Type - B
4. Antenna connect
5. LCD display
6. Transmitting indicator
7. All clear button
8. SEND button

1. Programming Mode



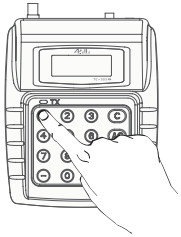
Hold “C” button on **TE-505NA** panel.

Do not release "C" button then turn on the power.

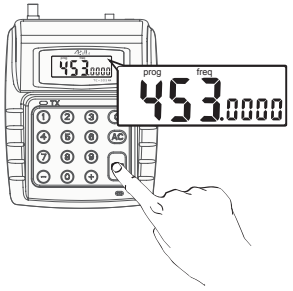


Display shows "Prg" that means you're in *programming mode*.

2. Set Frequency

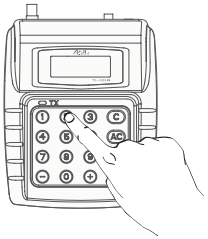


In *programming mode*, Press “1” button to set frequency for tone only pager.

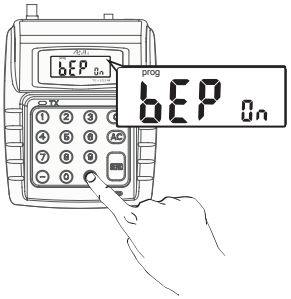


Enter frequency number then press “SEND” button. For example, 453.00 MHz press 4-5-3-0-0-0-0 then press "SEND" button to save the setting.

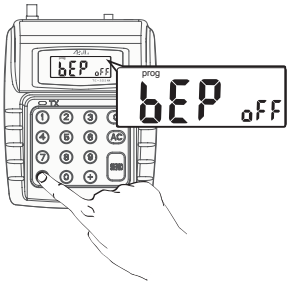
3. Enable Beep Tone



Press "AC" button to escape any sub-setting in *programming mode.*
Press "2" to enter Beep Tone setting.

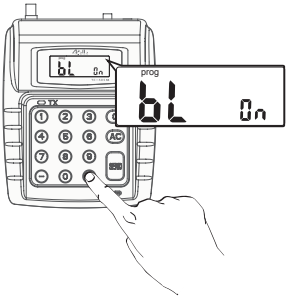


Use "+" or "-" button to switch on/off beep tone.

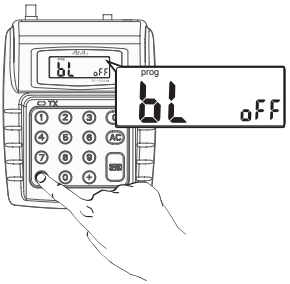


4. Enable Back Light

In *programming mode*, press "3" to enter LCD Backlight setting.

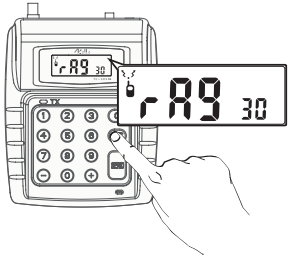


Use "+" or "-" button to switch on/off the LCD backlight in **TE-505NA.**



5. Pager Range Test

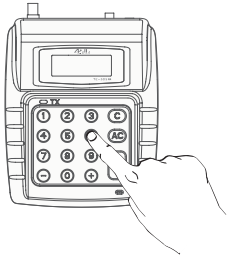
Press "5" to enter Range Test mode.



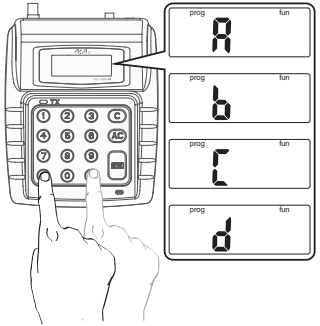
TE-505NA will transmit signal for every 30 seconds until moving to places where pagers won't be reponsive anymore. That's roughly the limitation of coverage for **TE-505NA.**

6. Pager Alert Type

(only compatible with A02+/A05+/A06+)



Press “6” button for entering Alert Type setting.



There are four alert types

A : flash only

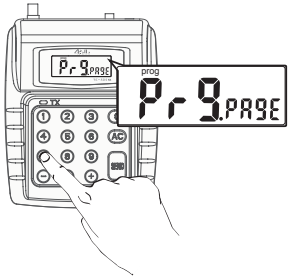
B : flash and vibration

C : flash and beep

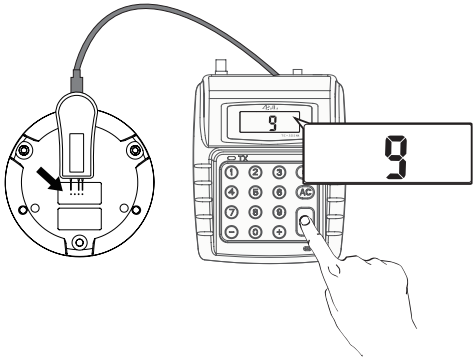
D : flash, vibration, beep

Choose any one of them then press "SEND" button to save the setting.

7. Pager Programming



Press "7" to Pager Programming mode.

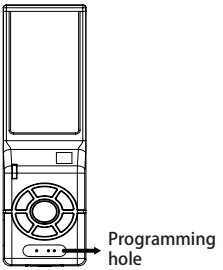


Enter any number from 1 to 100 then insert programming kit into the programming hole of pager. Press "SEND" button and hold programming kit firmly until hearing long beep sound that stands for programming completely. Otherwise, you shall hear three short beeps.

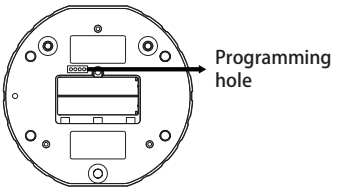
★ **Be sure to reboot pagers and transmitter after programming.**

8. Pin hole Position

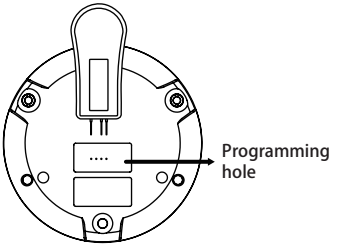
AL-A02+
(Front side)



AL-A05+
(Rear side)

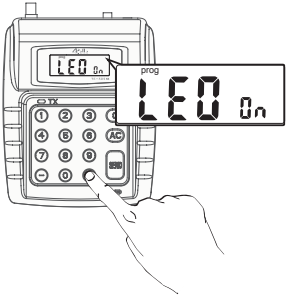


AL-A06+
(Rear side)

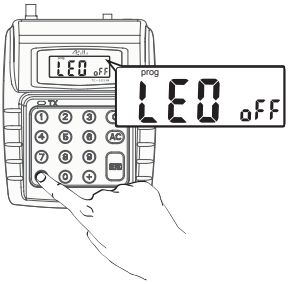


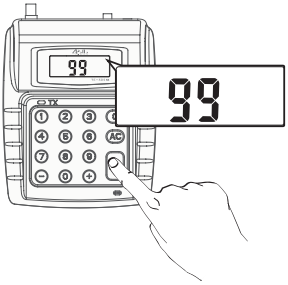
9. Enable Numeric LED Display LDN3

Press “9” button to enter LDN3 setting mode.



Use "+" or "-" button to enable or disable LDN3 in **TE-505NA.** Enable this function only when LDN3 is available.





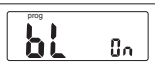
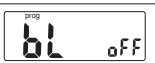
To page a receiver

TE-505NA is used to page the pager. Press the number button to assign which pager has the same number as you dial. For example, type “99” and press “SEND” then no. 99 pager should be paged. Other than that, press “AC” button to clear number on display. Press “C” button to delete the last number on display.

To turn off all the receivers

OTA power off is a key function for **TE-505NA**. Type 900 and press "SEND" button to turn off all programmed pagers by **TE-505NA**.

Programming Table

Key	Screen 1	Screen 2	Function
			Programming mode
1			Frequency setting
2			Key tone setting: Enable or Disable
3			Backlight setting: Enable or Disable
5			Range test setting
6			Function bit A: Flash type
			Function bit B: Flash and vibration type
			Function bit C: Flash and beep type
			Function bit D: Flash, vibration, beep type
7			Pager programming
9			Enable only with LDN3.

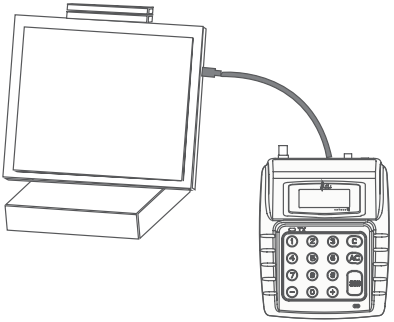
Specification

Dimension (mm)	154 (L) x 190 (W) x 64 (H) mm
Weight (with battery)	390g
Output Power	1W (max)
Frequency range TX	VHF 135~174MHz UHF 430~470MHz
Channel Spacing	12.5 KHz / 25 KHz
Maximum Deviation	±2.5KHz / ±4.5KHz
Harmonic Radiation	60dBc or less -36dBm
Frequency Stability	±3.0 ppm at -10°C~+60°C
Output Connect	BNC (F)
Current Consumption	Standby: 120mA; Transmit: 420mA
Tone only	●

Appendix

GAPOS Protocol

GAPOS allows TE-505NA controlled by POS terminal and desktop under various operating systems like Microsoft Windows, Google Android and Linux-based system. In order to acquire this option, please contact your local distributor or find official support directly from Gold Apollo (gapollo@gapollo.com.tw) for further information.



Make sure to read this manual before using the machine.
Please keep it in hand for future reference.

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